Remarks/Argum nts

Regarding the examiners detailed action item 1, objections to the specification, the appropriate corrections have been made to paragraphs [00036] and [00048].

Regarding item 2, objections to the drawings, these are addressed item by item in the following paragraphs.

Regarding the wellhead assembly, paragraphs [00026] and [00028] have been revised to clarify that figures 3 and 5A show the arrangement of the methane gas extraction constant flow control wellhead assembly. This is now numbered item 120 as described in new paragraph [00029.24]

Regarding the means for opening a second valve, the means for opening the manual valve is the handle, as is well known in the art. The handle is now not only shown, but also labeled, on figures 3 and 5A as item 51, and also described in new paragraph [00029.2.1].

Regarding the means for setting the second valve position, the means for positioning the manual valve is the handle, as is well known in the art. The handle is now not only shown, but also labeled, on figures 3 and 5A as item 51, and also described in new paragraph [00029.2.1].

Regarding the means for measuring the gas composition, the means for measuring the gas composition is the sample obtained at the sample collection port as is well known in the art. This is shown as item 60 on figures 3 and 5A. This is also described in amended paragraph [00036] and paragraph [00057]. Claim 3 has been amended to clarify the claim limitation as the ability to obtain the sample.

Regarding a differential measurement instrument, claim 4 has been amended to refer to a differential pressure measurement control circuit as shown on figure 3, 5A, and 5B, which is now labeled as item 64 on amended figure 3, figure 5A, and amended figure 5B.

Regarding an electronic display and control circuit, claim 8 has been amended to refer to a control circuit as shown on figure 3, 5A, and 5B, which is now labeled as item 64 on amended figure 3, figure 5A, and amended figure 5B.

Regarding a straight lower edge of the flap, the straight lower edge of the flap shown on figure 4 is now labeled as item 108 on amended figure 4, as described in new paragraph [00029.23].

Regarding item 3, claim objections, these are addressed by each item in the following paragraphs.

Regarding Claim 1, it has been revised to insert –assembly gas path– after "wellhead" and matters of form have been corrected.

The antecedent basis for the well extraction vacuum source in the specification is paragraph [00014], amended paragraph [00029.20], and amended figure 3. The antecedent basis for the wellhead gas path in the specification is in paragraph [00033], amended paragraph [00034], and amended figures 3 and 5.

Regarding amended Claim 3, item h (line 14), the means for adjusting the complete wellhead assembly is described in paragraph [00060] and involves setting the position of the manual valve to obtain the desired differential pressure across the regulating valve, and then adjusting the setpoint of the pressure regulating valve to correspond to the differential pressure across the complete assembly, as opposed to just the regulating valve. Claim 3, item d (line 7) is directed at setting the differential pressure across just the regulating valve such as at startup as described in paragraph [00054]. Matters of form have been corrected, and the antecedent basis in the specification for the wellhead gas path is in paragraph [00033], amended paragraph [00034], and amended figures 3 and 5.

Regarding amended Claim 4, the differential pressure measurement is performed by the control circuit as now clearly expressed in the amended claim, and described in amended paragraphs [00048] and [00049].

Regarding Claim 6, it has been amended to add the description --circuit--.

Regarding Claim 11, claims 8 and 11 have been amended to correct nomenclature in describing the control circuit. In Claim 8 the display capability of the circuit is claimed. In claim 11 the valve positioning capability of the circuit is claimed.

Paragraphs [00018.1] and [00018.2] have been added. These paragraphs repeat claims 8 and 1 in prose to enhance the summary of the invention.

Claim 1 has been further amended to more clearly indicate that the gas analysis is done of the gas at the wellhead.

Claim 3 has been further amended to more clearly indicate that the gas analysis is done of the gas at the wellhead and to correct a matter of form.

Claim 13 has been amended to correct nomenclature of the control circuit.

Applicant respectfully submits that the specification and drawings as revised satisfy all the examiners objections, and that the application is in condition for allowance, and that action is earnestly solicited.

Respectfully submitted,

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